# Click on images to enlarge.

# **U.S. Army Influenza Activity Report**

Week Ending 11 January 2014 (Week 2)

 2013-2014 Seasonal Influenza Vaccination Coverage

 As of 15 JAN 2014

 93%
 DOD

 96%
 Army Active Duty

 89%
 Army Guard

 78%
 Army Reserve

**SYNOPSIS:** Influenza activity in the United States remained similar to previous seasonal trends. The 2013-2014 influenza vaccine appears to be well-matched to the circulating strains; unimmunized persons without contraindications to influenza vaccine can still benefit from vaccination.

- **ILI Activity:** Army incident ILI outpatient visits in week two were 27% lower than for the same week last year.
- **Influenza cases:** Nine hospitalized influenza cases have been reported to USAPHC through DRSi in week two. To date, 47 cases have been reported during this influenza season: seven in Active Duty (AD) Service Members (SMs) and 40 in non-AD beneficiaries.
- **Viral specimens:** During week two, 482 of 1,740 (28%) laboratory specimens tested positive for respiratory pathogens. Most of the influenza positive specimens have been from SRMC (56%), while NRMC and WRMC accounted for 20% and 18% respectively.

# **Geographic Spread**

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# **United States**

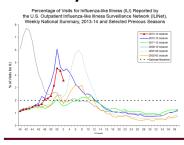
 In week two, 49 states and Guam reported widespread or regional activity, while Puerto Rico and DC reported only local influenza activity. Hawaii reported sporadic activity and the US Virgin Islands did not report.

# **World Health Organization**

The WHO GISRS laboratories tested more than 88,471 specimens.
 17,640 were positive for influenza viruses, of which 15,233 (86.4%) were typed as influenza A and 2,406 (13.6%) as influenza B.



# **ILI Activity United States**



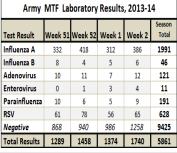
- In week two, 3.6% of outpatient visits reported in ILINet were due to ILI, which is above the national baseline of 2.0%.
- The percentage of ILI outpatient visits ranged from 1.8 to 6.8% across regions.

# **ILI Activity Army**



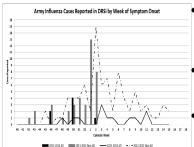
- During week two, incident ILI activity was 27% lower than the same time last year and 3% higher than the 2011-2012 season.
- AD SMs accounted for 27% of incident ILI clinic visits during week two; in 2012-2013, AD SMs comprised 26% of ILI clinic visits on average.

# **Laboratory Respiratory Specimen Testing**



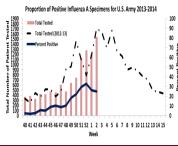
- In week two, 28% (482) of respiratory specimens were positive.
- Influenza A accounted for 80% of positive specimens.
- RSV accounted for 13% of positive specimens, adenovirus for 2%, and parainfluenza for 2%.
   Influenza B accounted for 1% of positive specimens.

# **DRSi Influenza Case Reporting**



- In week two, nine cases of influenza -associated hospitalizations were reported in DRSi, all of which were non-AD beneficiaries.
- Forty-seven hospitalized influenza cases have been reported since the beginning of this influenza season.
- At the same time last influenza season, 42 hospitalized influenza cases were reported.

# Laboratory Testing for Influenza A



- The percentage of influenza A tests in week two that are positive was 25%. This is a slight decrease from week one (26%).
- In week two, 286 of the 386 (74%) positive influenza A specimens have been from non-AD personnel.
- SRMC reported 218 (56%) of the total influenza cases. NRMC reported 76 (20%) positive influenza A specimens, and WRMC reported 70 (18%). PRMC reported 12 cases (3%) and ERMC reported 10 cases (3%).
- CENTCOM reported zero positive influenza A specimens.

■ Influenza A ■ Influenza B ■ Adenovirus ■ Enterovirus ■ Parainfluenza ■ RSV

Additional Resources: Army Influenza Reports; ARD Reports; AFHSC Influenza Reports; NHRC FRI Reports; DoD Global Influenza Surveillance Program; DoD Pandemic Influenza Watchboard; CDC; WHO

Key: Il Linfluenza Like Illness: DRSic Disease Penorting System Internet: NHRC: Naval Health Pescarch Center.

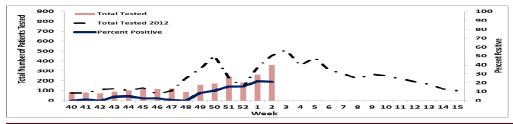
**Key:** ILI-Influenza-Like Illness; DRSi- Disease Reporting System Internet; NHRC- Naval Health Research Center; ADV-Adenovirus; RSV-Respiratory Syncytial Virus; DEP- Disease Epidemiology Program; SM-Service Member

**Questions?** Email USAPHC-DEP 410-417-3774

# **U.S. Army Influenza Activity Report**

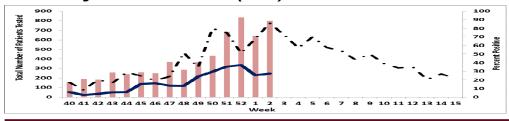
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2013-2014 as Compared to 2012-2013

# Northern Regional Medical Command (NRMC)



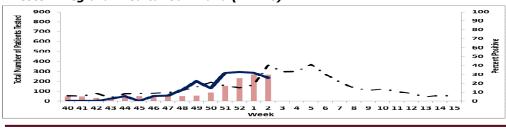
	We	ek 2	
Age Group	AD	Non-AD Ben	Season Total
< 18	0	19	110
18-29	21	6	47
30-39	7	6	35
40-49	3	4	24
50-59	1	4	16
60+	0	5	18
Total	32	44	250

### Southern Regional Medical Command (SRMC)



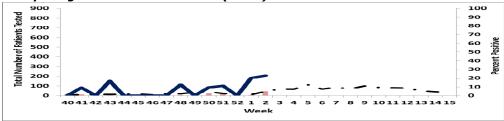
	We	ek 2	
Age Group	AD	Non-AD Ben	Season Total
	_		
< 18	0	75	612
18-29	22	25	223
30-39	21	17	174
40-49	9	17	125
50-59	O	23	132
60+	0	9	98
Total	52	166	1364

# Western Regional Medical Command (WRMC)



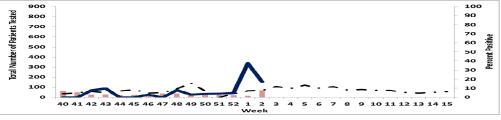
	We	ek 2	
Age Group	AD	Non-AD Ben	Season Total
< 18	0	44	165
18-29	2	9	67
30-39	2	2	27
40-49	2	5	31
50-59	0	3	24
60+	0	1	12
Total	6	64	326

# Europe Regional Medical Command (ERMC)



	We	ek 2	
Age Group	AD	Non-AD Ben	Season Total
< 18	0	1	3
18-29	4	О	4
30-39	1	1	6
40-49	1	0	3
50-59	0	2	2
60+	0	0	0
Total	6	4	18

### Pacific Regional Medical Command (PRMC)



	We	ek 2	
Age Group	AD	Non-AD Ben	Season Total
< 18	0	3	11
18-29	2	3	8
30-39	1	1	4
40-49	1	0	2
50-59	O	0	2
60+	0	1	4
Total	4	8	31

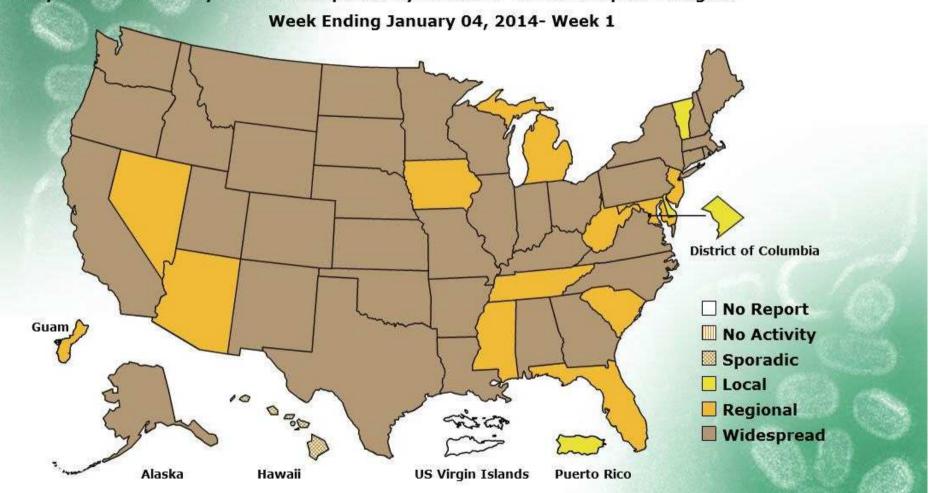
				Numbe	er of Po	sitive Influ	ienza A	Specimen	s by Du	ity Status a	nd Reg	ion				
	We	eek 47	Week 48 Week 49		Week 50 Week 51			Week 52		Week 1		Week 2				
Region	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
NRMC	0	1	0	0	3	11	3	16	3	35	2	27	6	51	32	44
SRMC	3	46	2	35	9	79	18	110	26	215	34	277	20	142	52	166
WRMC	0	4	1	6	1	12	2	11	3	47	8	68	8	78	6	64
ERMC	0	0	0	1	0	0	2	0	1	1	0	1	0	1	6	4
PRMC	0	0	0	3	0	1	0	1	0	1	0	1	1	5	4	8
CENTCOM	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0

Locations providing week 2 laboratory data as of 15 January 2014: Korea, Ft Belvoir, Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Irwin, Ft Jackson, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Landstuhl, Redstone Arsenal, Tripler, and West Point.

# FLUVIEW



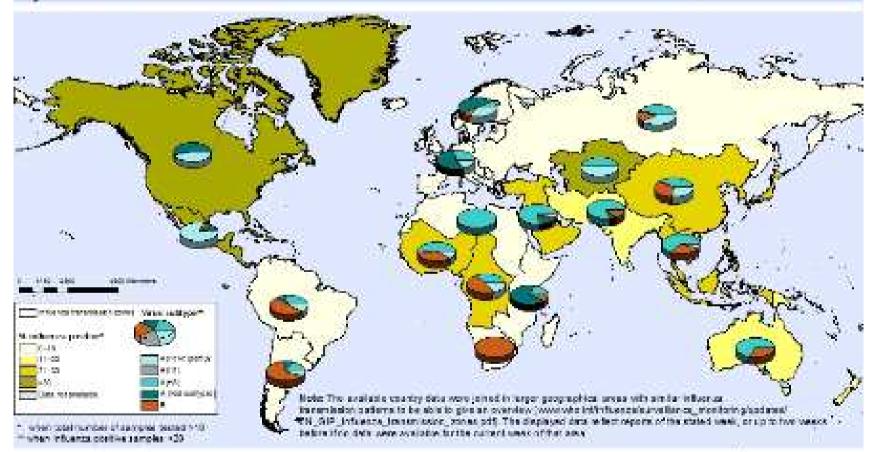
A Weekly Influenza Surveillance Report Prepared by the Influenza Division Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists\*



<sup>\*</sup>This map indicates geographic spread and does not measure the severity of influenza activity.

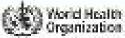
# Percentage of respiratory specimens that tested positive for influenza By influenza transmission zone

Status as of week 52 22-28 December 2013

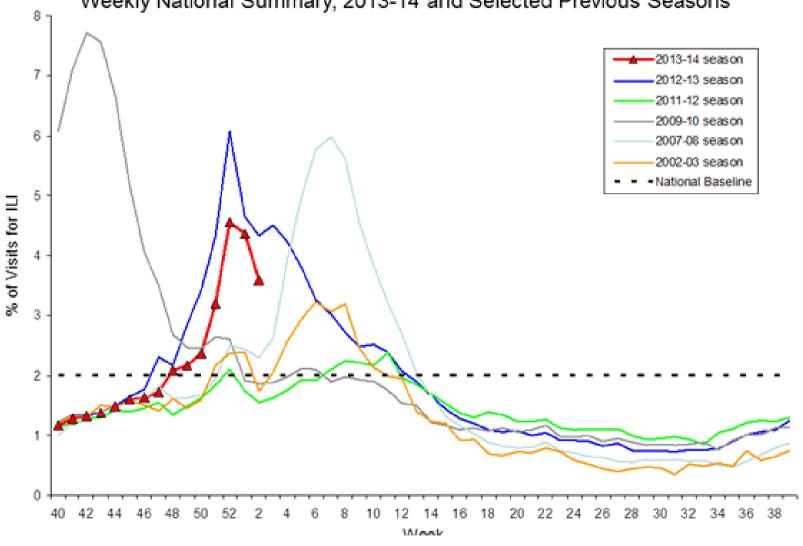


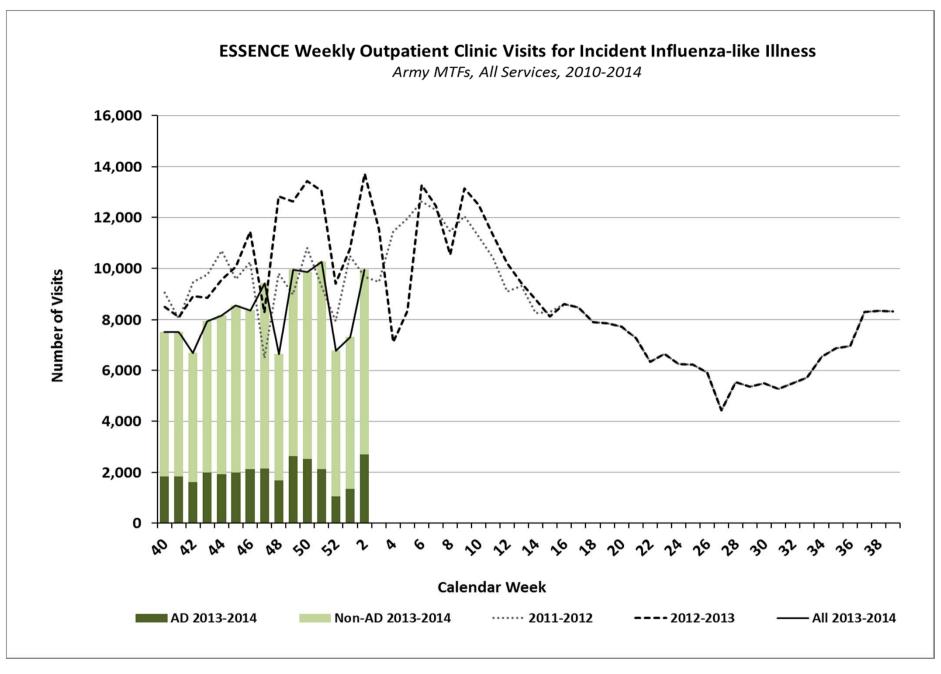
The boundaries and was assimply and the designation used profit may be extrapt, the expectation of any opinion singspeed or descent this filter's Hash Organization concerning the legal status of any country section, but or these or offer sectionias. or announced by district and it. Section or associated, find of an above for the country of the Company of the which there may not sell build agreement.

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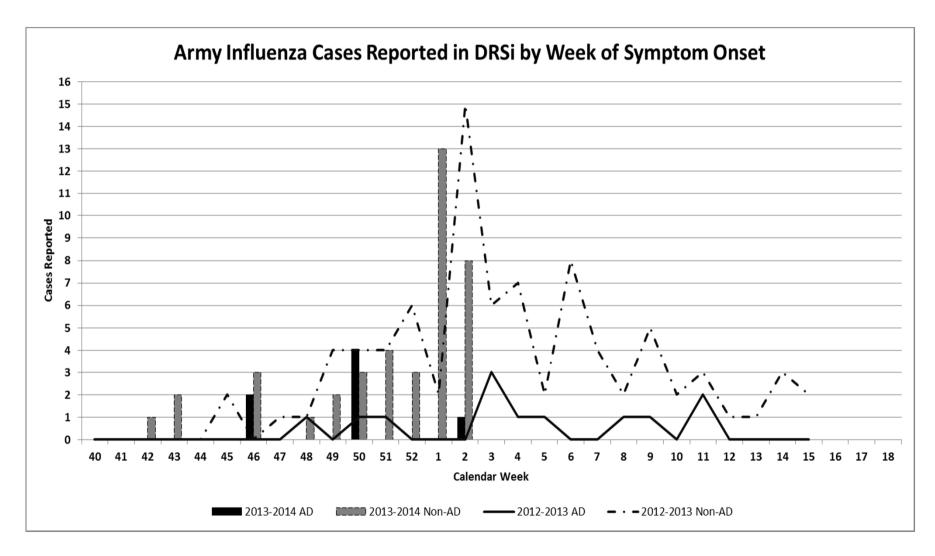
Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2013-14 and Selected Previous Seasons





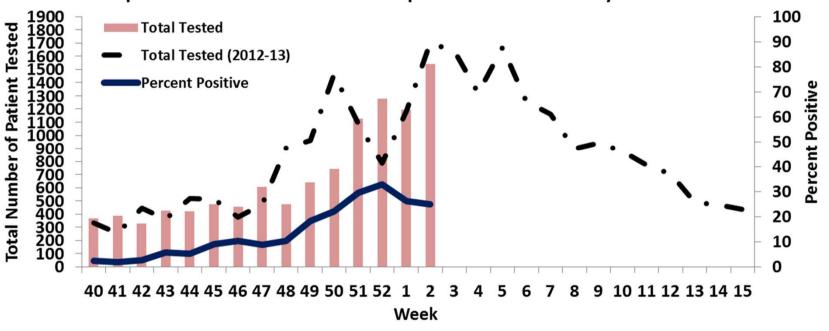
### Army MTF Laboratory Results, 2013-14 Season **Test Result** Week 51 Week 52 Week 1 Week 2 Total Influenza A Influenza B Adenovirus **Enterovirus** Parainfluenza RSV Negative Total Results



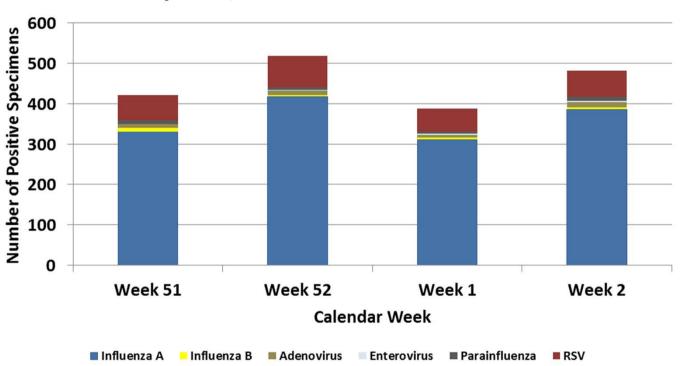


**Note:** Reportable influenza cases are defined as only cases that have been hospitalized and are under the age of 65. See <u>Armed Forces</u> <u>Reportable Medical Events Guidelines and Case Definitions</u> for more information Data as of 15 January 2014.





# Positive Respiratory Specimen Results from Army MTFs by Virus, 2013-2014 Influenza Season



	Number of Positive Influenza A Specimens by Duty Status and Region															
	We	ek 47	We	eek 48	Week 49		Week 50		Week 51		Week 52		Week 1		Week 2	
Region	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
NRMC	0	1	0	0	3	11	3	16	3	35	2	27	6	51	32	44
SRMC	3	46	2	35	9	79	18	110	26	215	34	277	20	142	52	166
WRMC	0	4	1	6	1	12	2	11	3	47	8	68	8	78	6	64
ERMC	0	0	0	1	0	0	2	0	1	1	0	1	0	1	6	4
PRMC	0	0	0	3	0	1	0	1	0	1	0	1	1	5	4	8
CENTCOM	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0